

ABSTRACT

The invention relates to a method for stimulating specific areas of a brain using an induction device, comprising the following steps: recording the spatial structure of the head, in particular the brain; generating a simulation model of the induction device; and arranging the induction device relative to the head such that a specific area of the brain determined by means of the simulation model of the induction device is stimulated by a current flowing in the induction device, as well as to a method for stimulating specific areas of a brain using an induction device, comprising the following steps: recording the spatial structure of the head, in particular the brain; generating a simulation model of the head; and arranging the induction device relative to the head such that a specific area of the brain determined by means of the simulation model of the head is stimulated by a current flowing in the induction device, as well as to a device for stimulating specific areas of a brain using an induction device connected to a marker.